Motion Control System
DF64 Procedure Development
ACS Post Departure Moding Configuration
December 5, 1997

Identification Section:

Procedure Name:	ACS_Post_Departure_Moding_Config.
Applicability:	Departure of Flight 3A.
Frequency:	This procedure is performed during the after departure sequence.
Objective:	To deactivate the operational sequence used to automatically mode the Station to RS attitude control upon Orbiter departure.
Description:	This procedure deactivates the departure software and LEDs after sufficient vehicle separation or Prox-Ops operations have been completed.
Crew Required:	Orbiter: None
Power:	N/A
Data:	Required telemetry is given in the procedure.
Duration:	Concurrent with integrated and departure proxops timeline.
Location:	PMA2.
Parts:	PMA2 APAS docking mechanisms; Node 1MDMs; RS segment MDMs and Propulsion system.
Materials:	N/A
Tools:	N/A
Constraints:	None
Assumptions:	Orbiter provides attitude control for the mated stack.
Reference Materials:	S684-10174 - 5/15/96; MDC 95H0250B 3/15/96 (Russian data), Pass2-100% 2A/3A, Engineering release cycle, and Standard Out Command and Telemetry files.

ACS POST DEPARTUREMODING CONFIGURATION

1. DISABLE APAS LED MODE INDICATION AND VERIFY LED STATUS

NOTE
The functions in this section are to occur following the end of the Orbiter Prox-Ops phase.

PCS

ACS Moding

ACS Moding

'ACS Configuration'

sel LED Control SW
'Primary NCS'
cmd Inhibit
√LED Control SW - Inh
√PMA2 LED State - Off

'Secondary NCS'
cmd Inhibit
√LED Control SW - Inh
√PMA2 LED State - Off

2. DISABLE DEPARTURE RESPONSE

'Departure'

sel PMA2 Departure Response SW
'Primary NCS'
cmd Inhibit
√Departure SW - Inh
√Arm Status - Disarm

'Secondary NCS'
cmd Inhibit
√Departure SW - Inh
√Arm Status - Disarm